

FORM PTO-1449  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO. VPI/99-105 DIV	SERIAL NO. Not Yet Assigned
	APPLICANTS Michael R. Hale, et al.	CONFIRMATION NO. Not Yet Assigned
	FILING DATE Concurrently Herewith	GROUP Not Yet Assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,743,722	07/3/73	Mohrs et al.	424	98	
	4,330,542	05/18/82	Descamps et al.	424	248.5	
	4,629,724	12/16/86	Ryono et al.	514	18	
	5,196,438	03/23/93	Martin et al.	514	311	
	5,354,866	10/11/94	Kempf et al.	546	265	
	5,622,949	04/22/97	Talley et al.	514	237.8	
	5,723,490	03/03/98	Tung et al.	514	478	
	5,744,481	04/28/98	Vazquez et al.	514	311	
	5,808,056	09/15/90	Amato et al.	540	360	
	5,843,946	12/01/98	Vazquez et al.	514	252.11	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	0 022 118	1/7/81	EP				
	0 181 071	3/14/86	EP				
	0 264 795	4/27/88	EP				
	0 346 847	12/20/89	EP				
	0 364 804	4/25/90	EP				
	0 434 365	6/26/91	EP				
	0 468 641	1/29/92	EP				
	0 486 948	5/27/92	EP				
	0 541 168	5/12/93	EP				
	0 594 540	4/27/94	EP				
	3542567	6/5/86	DE				
	2,167,759	6/4/86	GB				
	2,200,115	7/27/88	GB				

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	WO90/07329	7/12/90	PCT				
	WO91/00725	1/24/91	PCT				
	WO91/18866	12/12/91	PCT				
	WO92/08688	5/29/92	PCT				
	WO92/08698	5/29/92	PCT				
	WO92/08699	5/29/92	PCT				
	WO92/08700	5/29/92	PCT				
	WO92/08701	5/29/92	PCT				
	WO92/17176	10/15/92	PCT				
	WO93/23368	11/25/93	PCT				
	WO93/23388	11/25/93	PCT				
	WO93/23379	11/25/93	PCT				
	WO94/04491	3/3/94	PCT				
	WO94/04492	3/3/94	PCT				
	WO94/04493	3/3/94	PCT				
	WO94/05639	3/17/94	PCT				
	WO94/10134	5/11/94	PCT				
	WO94/10136	5/11/94	PCT				
	WO94/18192	8/18/94	PCT				
	WO94/19322	9/1/94	PCT				
	WO95/06030	3/2/95	PCT				
	WO95/07269	3/16/95	PCT				
	WO95/09843	4/13/95	PCT				
	WO95/14016	5/26/95	PCT				
	WO95/32185	11/30/95	PCT				
	59046252	3/15/84	JP				
	59048449	3/19/84	JP				
	61071830	4/12/86	JP				

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